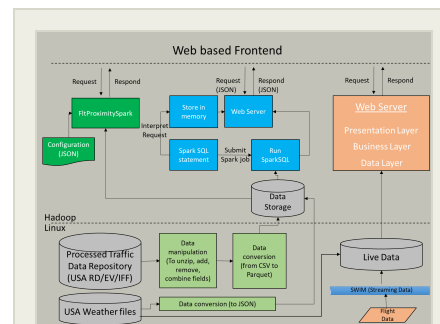


## Completed Technology Project (2016 - 2019)



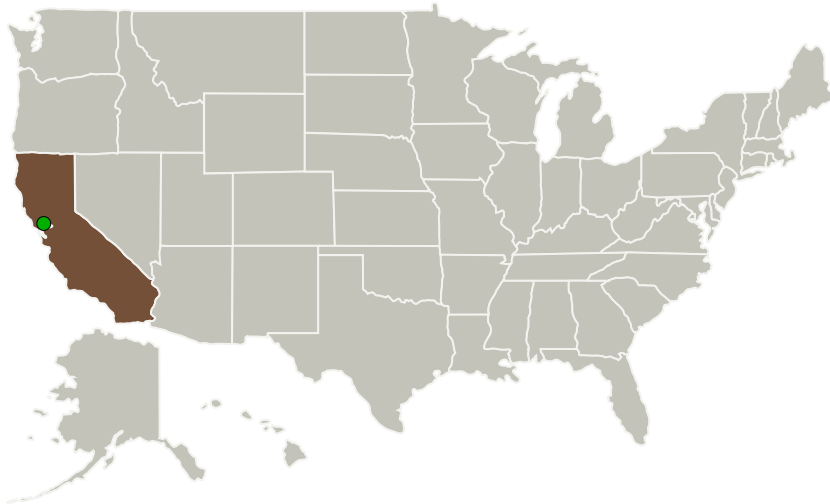
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# Big Data Driven Architecture for Real Time Systemwide Safety Assurance, Phase II

Completed Technology Project (2016 - 2019)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
ATAC	Lead Organization	Industry	Santa Clara, California
● Ames Research Center(ARC)	Supporting Organization	NASA Center	Moffett Field, California

### Primary U.S. Work Locations

California

## Project Transitions

**May 2016:** Project Start

**March 2019:** Closed out

### Closeout Documentation:

- Final Summary Chart(<https://techport.nasa.gov/file/139652>)

## Organizational Responsibility

### Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

### Lead Organization:

ATAC

### Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

## Project Management

### Program Director:

Jason L Kessler

### Program Manager:

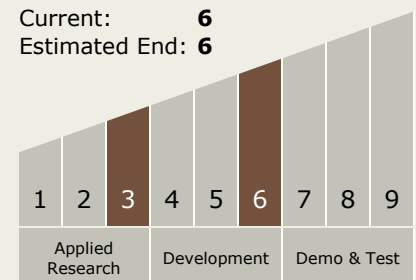
Carlos Torrez

### Principal Investigator:

John E Schade

## Technology Maturity (TRL)

Start: **3**  
Current: **6**  
Estimated End: **6**

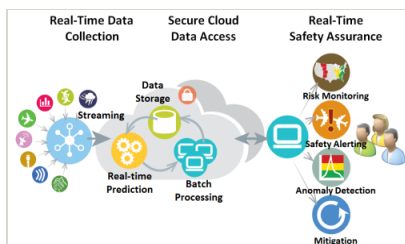


# Big Data Driven Architecture for Real Time Systemwide Safety Assurance, Phase II

Completed Technology Project (2016 - 2019)

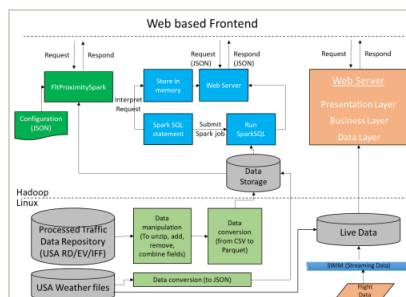


## Images



### Briefing Chart Image

Big Data Driven Architecture for Real Time Systemwide Safety Assurance Phase II, Phase II  
(<https://techport.nasa.gov/image/131491>)



### Final Summary Chart Image

Big Data Driven Architecture for Real Time Systemwide Safety Assurance, Phase II  
(<https://techport.nasa.gov/image/137297>)

## Technology Areas

### Primary:

- TX11 Software, Modeling, Simulation, and Information Processing
  - └ TX11.6 Ground Computing
    - └ TX11.6.7 High Performance Data Analytics Platform

## Target Destinations

The Sun, Earth, The Moon, Mars, Others Inside the Solar System, Outside the Solar System